

What is claimed is:

1. A method for integrating business functions performed by different application systems, comprising:
  - generating a business model, based upon said application systems;
  - generating a logical model, based upon said business model;
  - generating a physical model, based upon said logical model;
  - designing an infrastructure, based upon said physical model;
  - assembling the infrastructure;
  - testing the infrastructure; and
  - implementing the infrastructure.
2. The method for integrating business functions performed by different application systems according to claim 1, wherein said business model comprises:
  - a process domain model;
  - a information domain model;
  - a system infrastructure model; and

an operations model.

3. The method for integrating business functions performed by different application systems according to claim 1, wherein said logical model comprises:

a logical process event model;

a logical data model;

a logical infrastructure model; and

an operations architecture.

4. The method integrating business functions performed by different application systems according to claim 1, wherein said physical model comprises:

a physical process event model;

a physical data model;

a physical infrastructure model;

an operations management model; and

a test strategy.

5. The method integrating business functions performed by different application systems according to claim 1, wherein designing an infrastructure comprises:

generating an integration services design;

generating a data transformation design;

generating a performance test plan;

generating a production readiness test plan; and

generating an integration test plan.

6. The method for integrating business functions performed by different application systems according to claim 1, wherein assembling the infrastructure comprises:

building and testing integration components;

developing operations procedures; and

building test scenarios, scripts and cases.

7. The method for integrating business functions performed by different application systems according to claim 1, wherein testing the infrastructure comprises:

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executing integration test scenarios;  
executing performance test scenarios; and  
testing production operations.

8. The method for integrating business functions performed by different application systems according to claim 1, wherein implementing the infrastructure comprises:

validating the infrastructure;  
installing the infrastructure; and  
operating the infrastructure.

9. A method for integrating business functions performed by different application systems, comprising:

implementing business applications;  
and

integrating the implemented business applications by using a framework to consistently divide integration tasks into smaller manageable integration tasks.

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10. The method for integrating business functions performed by different applications systems according to claim 9, wherein said implementing business applications and said integrating the implemented business applications are separate and distinct operations.

11. The method for integrating business functions performed by different applications systems according to claim 9, wherein the framework comprises different layers, subject threads, and modeling views.

12. A method for integrating business functions performed by different applications systems according to claim 11, wherein the layers are represented using modeling techniques.

13. The method for integrating business functions performed by different application systems according to claim 12, wherein the modeling techniques comprise:

gathering specifications of items to be integrated;

modeling functions and/or behavior of the items;

mapping connections between systems; and

developing integration principles to resolve integration conflicts.

14. The method for integrating business functions performed by different application systems according to claim 9, wherein said implementing business applications and said integrating the implemented business applications have different lifecycles.

15. A repeatable EAI lifecycle methodology, comprising:  
integrating enterprise application systems;  
  
maintaining the integrated enterprise application systems;  
  
modifying the integrated enterprise application systems; and  
  
expanding the integrated enterprise application systems.

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